

IWRM Integrated Water Resources Management

Karlsruhe 2010

KMK – Karlsruher Messe- und Kongress-GmbH

**IWRM Karlsruhe 2010 – Integrated Water Resources Management
24 – 25 November 2010 at the Karlsruhe Convention Center**

- **Emerging topic: integrated water resources management**
- **International audience of experts from science, industry and public authorities**
- **Focus on water management in agriculture**

Karlsruhe, 27 November 2009

Water is one of the earth's most important raw materials – in fact experts believe it could be the most important in the future. Already today more than 2 billion people in over 40 countries are affected by water scarcity. Managing water resources is thus one of the greatest challenges facing politics, science, industry and society.

Karlsruher Messe- und Kongress-GmbH (KMK) is pleased to announce a new conference and exhibition dedicated to this highly relevant issue. IWRM Karlsruhe – Integrated Water Resources Management will attract decision-makers, service providers and researchers from around the globe to the Karlsruhe Convention Center from 24 to 25 November 2010. The conference aims to pool international know-how and hands-on expertise in integrated water resources management and establish the foundation for new models and technologies.

The extensive specialised knowledge concentrated in the region was a major factor in selecting Karlsruhe as the venue for this cutting-edge event. KMK management spokesperson Britta Wirtz explains: “A powerful network related to IWRM has developed here, comprising outstanding universities, application-oriented institutes, water centres and companies taking part in projects around the world.”

This has enabled IWRM Karlsruhe to attract numerous distinguished partners, including five institutes from the KIT Karlsruhe Institute of Technology and two departments from the Karlsruhe Fraunhofer Institute. Additional partners of IWRM Karlsruhe include Siemens AG, Chemisches Labor Dr. Vogt, the TZW (Water Technology Center), Karlsruhe, the State Office of Environmental Protection in Baden-Württemberg and the German Water Partnership, a network of public and private water companies, trade associations and institutions from industry, science and research.

IWRM Integrated Water Resources Management

Karlsruhe 2010

Agriculture the largest consumer of water worldwide

IWRM Karlsruhe focuses in particular on water management in the agricultural domain. Today agriculture accounts for approximately two-thirds of total water consumption, while industry uses another 20% and some 10% is consumed by households. However there are enormous regional differences: in Europe for instance more than half of all water is consumed by industry, while in Asia and Africa, agriculture accounts for more than 85% of water consumption.

The 2010 conference programme of IWRM Karlsruhe will explore how water resources in agriculture can be best managed considering the different regions, climatic zones and vegetation. Conference topics will cover the complete operational chain of integrated water resources management, including analysis of problems in water supply and treatment, computer-aided modelling of water volumes and distribution (how much water is located where?) and development of sustainable planning and decision-making support systems. Relevant themes of erosion and desert formation, salt water intrusion, pollution remediation and quality management will be discussed along with the economic triangle of water - energy - food and the potential of floodwaters as a materials resource.

The accompanying exhibition at IWRM Karlsruhe offers an additional opportunity to examine the functionality of such models and systems directly with suppliers and service providers from the fields of geology, hydrology and water management as well as software providers, engineering offices, manufacturers of mobile water treatment plants and representatives from science, research and education.

Additional information is available at: www.iwrm-karlsruhe.com.

Note to editors:

For photo material to illustrate your article, please contact us by phone on +49 721 3720-2303.